

**City of Green – NEXUS Environmental Observations**

Date: 05/08/2018

Environmental Inspector(s): Jessie Grund

Weather & Soil Conditions: Sunny; 72°F; 5-10 mph winds; Dry/wet soils

Observed from: Road R/W Within NEXUS R/W

Item/Location	BMPs	Y	N	N/A	Notes
Street Cleaning	Street Cleaning Evident	X			-Street cleaning observed on Mayfair Rd during site visit
	No Tracking Observed	X			
	Street Cleaning Equipment Staged	X			
Rock Entrances	Properly Topdressed	X			
	Check Dams in Ditchline	X			
Sediment Control Devices	Properly Installed	X			
	Functional	X			
	No Maintenance Recommended	X			
	No Additional SCD Recommended	X			
Stabilization Timeframes	No Areas Idle >14 Days	X			Temporary stabilization of RW had begun. *see notes
	No Areas Near S and W Idle	X			
	No Additional TS Recommended	X			
Equipment Bridges	Fabric and Sideboards Intact	X			
	Equipment Gates Installed	X			
	Free of Sediment	X			
	No Maintenance Recommended	X			
Streams and Wetlands	Equipment Bridge Installed (S)	X			
	Filter Fabric and Sideboards	X			
	Timber Mats Utilized (W)	X			
	Equipment Gates Re-installed	X			
	E/SCDs Installed and Functional	X			
	No Additional SCD Recommended	X			
	No Turbidity or Sedimentation	X			
	Impacts Avoided	X			
General R/W	Wood Chip Disposal	X			Excavator observed east of Nimisila Reservoir from Christman Rd, likely prepping for stabilization activity
	Topsoil Segregated	X			
	E/SCD Functional	X			
	No SCD Maintenance Needed	X			
	Good Housekeeping	X			
	Water Bars Installed	X			
	Proper Dewatering	X			
	S&W Signage Installed	X			
Refueling Signage Installed	X				

**BMP:** Best Management Practice **CWC:** Concrete Wash Containment **DB:** Drivable Berm **EB:** Equipment Bridge **ECM:** Erosion Control Matting **EG:** Equipment Gate **E/SCD:** Erosion/Sediment Control Device **FS:** Filter Sock **GH:** Good Housekeeping **GR:** General Recommendation **H/SR:** Hard/Soft Restoration **IP:** Inlet Protection **MD:** Minimized Disturbance **PRT:** Potential Roost Tree **RCE:** Rock Construction Entrance **S:** Stream **SB:** Straw Bale **SF:** Silt Fence **TM:** Timber Mat **TP:** Trench Plug **TS:** Temporary Stabilization **VB:** Vegetated Buffer **W:** Wetland **WB:** Water Bar **WSC:** Wet-saw Slurry Containment

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**Key Observations:** None

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**Notes:**

The NEXUS R/W was observed from public roadways between Mayfair Rd and Main St.

A Michels R/W crew was observed at Mayfair Rd. Large quantities of straw bales had been mobilized at Mayfair Rd, it appeared temporary stabilization activities had begun. Street cleaning was in progress on Mayfair Rd during the site visit. Additional straw bales had been staged at the western Koons Rd crossing since the last site visit. The R/W visible from the roadway between Arlington Rd and Killinger Rd, as well as the R/W just south of Killinger Rd appeared to have been temporarily stabilized with straw mulch since the last site visit. Equipment had been staged at the eastern Koons Rd crossing and the Killinger Rd crossing, equipment was idle during the site visit. An active excavator was observed east of the Nimisila Reservoir; observation was made from the Christman Rd crossing.

All streams and wetlands that were visible from the roadway remained avoided.

- Erosion and sediment control devices were properly installed and functioning.
- No straw mulch was observed in wetlands that were visible from the roadway.

Erosion and sediment controls remained properly installed and functioning as needed.

- Regular maintenance of sediment control devices was evident.

General environmental observations from the site visit:

- Mobilization of equipment and material for stabilization activity was observed.
- The streets were free of sediment. Street cleaning was observed on Mayfair Rd during the site visit.
- Rock construction entrances at roadway ingress/egress points appeared to be in working condition.
- Silt fence and/or Belted Silt Retention Fence (reinforced silt fence) appeared to remain properly installed and functional along wetland and stream boundaries, within residential areas, and downslope of several agricultural fields.
- Temporary stabilization (straw mulch) was applied on idle topsoil piles and along the R/W near Arlington and Killinger Rds. Temporary stabilization will be utilized prior to pipeline construction crews beginning work in May per Randy Burke (NEXUS).
- Timber mats remain installed at the equipment crossing locations of streams and wetlands. Temporary equipment gates were observed at all stream and wetland crossings that were visible from the roadway. Signage also remained installed at the wetlands and streams which included refueling guidance due to the presence of environmental resources.

Overall, our observations were satisfactory related to industry standards.

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